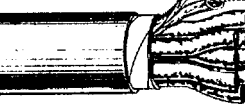


instrumentation and sound cables

COLOR CODING FOR PAIRED CABLES

Pair Number	Color Combination	Pair Number	Color Combination	Pair Number	Color Combination
1	Black paired with Red	10	Red paired with Blue	19	White paired with Blue
2	Black paired with White	11	Red paired with Yellow	20	White paired with Yellow
3	Black paired with Green	12	Red paired with Brown	21	White paired with Brown
4	Black paired with Blue	13	Red paired with Orange	22	White paired with Orange
5	Black paired with Yellow	14	Green paired with White	23	Blue paired with Yellow
6	Black paired with Brown	15	Green paired with Blue	24	Blue paired with Brown
7	Black paired with Orange	16	Green paired with Yellow	25	Blue paired with Orange
8	Red paired with White	17	Green paired with Brown	26	Brown paired with Yellow
9	Red paired with Green	18	Green paired with Orange	27	Brown paired with Orange

MULTIPLE PAIR INDIVIDUALLY SHIELDED AUDIO AND SOUND CABLES

Description	Trade Number	No. of Pairs	Stranding	Insulation Thickness (inch)	Jacket Thickness (inch)	Nom. O.D. (inch)	Nom. Cap. (mmf/ft)	Nom. Cap. (mmf/ft)	Standard Spool Lengths in ft.
 22 GAUGE VINYL INSULATION	8767*	3	Solid	.013	.030	.270	40	77	100, 250, 500, 1000
	8768*	6	Solid	.013	.037	.394	40	77	100, 250, 500, 1000
	8764*	9	Solid	.013	.040	.440	40	77	100, 250, 500, 1000
	8765*	11	Solid	.013	.040	.485	40	77	100, 250, 500, 1000
	8766*	15	Solid	.013	.045	.540	40	77	100, 250, 500, 1000

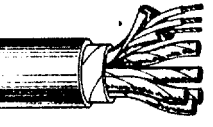
BELDFOIL®

#22 tinned copper, vinyl insulated, cabled in pairs, each pair and its ground wire under BELDFOIL® aluminum-polyester shield, over-all chrome vinyl jacket. 300 Volts suggested working voltage.

Insulation resistance between shields.....100 megohms/M'
Capacitance between adjacent shields.....115 mmf/ft
Voltage breakdown between adjacent shields.....1500 volts
Working voltage between adjacent shields.....50 volts

Vinyl insulation is used for ease of stripping and soldering. Recommended for audio frequency applications requiring excellent circuit isolation. Maximum operating temperature 80°C.

MULTIPLE PAIR INDIVIDUALLY SHIELDED AUDIO AND DATA CABLES

Description	Trade Number	No. of Pairs	Stranding	Insulation Thickness (inch)	Jacket Thickness (inch)	Nom. O.D. (inch)	Nom. Cap. (mmf/ft)	Nom. Cap. (mmf/ft)	Standard Spool Lengths in ft.
 22 GAUGE POLYPROPYLENE INSULATION	8777*	3	(7x30)	.010	.030	.270	30	55	100, 250, 500, 1000
	8778*	6	(7x30)	.010	.037	.394	30	55	100, 250, 500, 1000
	8774*	9	(7x30)	.010	.040	.440	30	55	100, 250, 500, 1000
	8775*	11	(7x30)	.010	.040	.485	30	55	100, 250, 500, 1000
	8776*	15	(7x30)	.010	.045	.540	30	55	100, 250, 500, 1000
	8769*	19	(7x30)	.010	.055	.620	30	55	100, 250, 500, 1000
	8773*	27	(7x30)	.010	.070	.760	30	55	§Cut to customer's specified length. Maximum length 1000

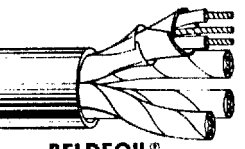
BELDFOIL®

#22 gauge tinned copper, polypropylene insulated, cabled in pairs, each pair and its ground wire under BELDFOIL® aluminum-polyester shield, over-all chrome vinyl jacket. 300 volts suggested working voltage.

Insulation resistance between shields.....100 megohms/M'
Capacitance between adjacent shields.....115 mmf/ft
Voltage breakdown between adjacent shields.....1500 volts
Working voltage between adjacent shields.....50 volts

Recommended for audio, pulse, and radio frequency applications requiring superior circuit isolation. Polypropylene insulation is used for excellent high frequency properties and mechanical toughness. Maximum operating temperature 105°C.

SPECIAL INSTRUMENTATION CABLES

Description	Trade Number	AWG & Stranding	Insulation Thickness (inch)	Jacket Thickness (inch)	Nom. O.D. (inch)	Cond. Color Coding	Percent Shield Coverage	Nom. Cap. (mmf/ft)	Nom. Cap. (mmf/ft)	Suggested Working Voltage	Standard Spool Lengths in ft.
 BELDFOIL®	8700	28 (Solid) Coaxial	.005	.008	.054	Black	80	48	—	100	25,50,100,250
	Solid tinned copper, polypropylene insulation, copper braid, black vinyl jacket.										
	8725†	4 pairs 20 (7x28)	.015	.030	.360	Red, Blk Grn, Wht Wht/Red Wht/Blk Wht/Grn Wht/Yel	100	27	49	400	500 1000

BELDFOIL®

Approved For Release 2001/07/16 : CIA-RDP85-05424A000400060006-6

*Capacitance between conductors.

**Capacitance between 1 conductor and other conductor connected to shield.

§Minimum length 25' 25' to 199', plus 25', minus 0. 200' or over, plus 50', minus 0.

†Cabled around common axis—request information before planning high and low level circuits in same cable.

Orderable to Western Electronic Supply Company, Camille, La.